

Energy storage policy updates djibouti city

UAE-based renewable energy developer AMEA Power has signed a long-term PPA with the national utility of Djibouti for a 25MW solar PV plus battery storage unit.

AMEA Power announced the signing of the power purchase agreement (PPA) with Electricit? de Djibouti (EDD) today (29 August). The signing ceremony, pictured above, was witnessed by the Minister of Energy and Natural Resources of Djibouti, which is on the East Coast of Africa.

AMEA will develop the project in the Grand Bara desert region under a build-own-operate and transfer (BOOT) model. It hasn't yet revealed the size in MW or MWh of the battery storage portion but said the project is expected to generate 55GWh of energy annually.

The announcement also said it would be the first solar independent power project (IPP) in the country, though didn't give an expected commercial operation date (COD).

The Sovereign Fund of Djibouti (FSD) will be joining the project as a minority shareholder before it reaches financial close.

The announcement is the second sizeable energy storage project revealed in quick succession, after vertically integrated solar PV manufacturer Jinkosolar announced the delivery of a 1.1MWh battery storage system for an off-grid PV system.

Hussain Al Nowais, Chairman of AMEA Power, said: "AMEA Power is proud to reach this milestone and to be supporting Djibouti in its energy transition journey. East Africa is an important market for AMEA Power, as it is a region with immense potential for the development of clean, reliable, and affordable energy."

AMEA Power is a developer operating across Africa, the Middle East and Asia but the vast majority of its projects in operation, construction or advanced development are in Africa. Its activity has mainly been in solar, which you can read more about on our sister site PV Tech here.

JinkoSolar has announced the delivery of a 1.1MWh BESS for a hybrid off-grid PV/DG system in the African republic of Djibouti.

The system is comprised of 1200kW of Tiger Neo PV modules, three diesel generators, 1.1 MWh of battery storage and inverters, PCS and converter systems, all provided by Jinko.

After completion of the project, diesel power generation will be shortened from 24 hours to 8 hours a day,



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with the BESS compensating for the naturally intermittent nature of renewable sources, making the electrical system more consistent and reliable. The project will generate an annual 2 millionkilowatthours of electricity, equivalent to the demand of 2,500 households.

The project will be the first solar Independent Power Project (IPP) in Djibouti and will be located in Grand Bara, south of Djibouti City. The solar project is being fully developed by AMEA Power under a Build-Own-Operate and Transfer (BOOT) model and will generate 55 GWh of clean energy per year, enough to reach more than 66,500 people. The Sovereign Fund of Djibouti (FSD) will be joining the project before financial close as a minority shareholder. The offtaker for the project will be Electricit? de Djibouti.

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